

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number REF/Klaveness/054C	Serial Number 09/765,614 Cont. of 08/960,054
	Applicant KLAVENESS et al.	
	Filing Date January 22, 2001	Group 1616

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
<i>JS</i>	5,849,727	12/15/98	Porter et al.	<i>1</i>	<i>1</i>	
<i>JS</i>	5,846,517	12/8/98	Unger	<i>1</i>	<i>1</i>	
<i>JS</i>	5,505,932	4/9/96	Grinstaff et al.	<i>1</i>	<i>1</i>	
<i>JS</i>	5,356,633	10/18/94	Woodle et al.	<i>1</i>	<i>1</i>	
<i>JS</i>	5,198,424	3/30/93	McEver	<i>1</i>	<i>1</i>	
<i>JS</i>	5,154,924	10/13/92	Friden	<i>1</i>	<i>1</i>	
<i>JS</i>	5,013,556	5/7/91	Woodle et al.	<i>1</i>	<i>1</i>	
<i>JS</i>	4,927,916	5/22/90	Matsueda et al.	<i>1</i>	<i>1</i>	
<i>JS</i>	08/640,464	5/1/96	Unger	<i>1</i>	<i>1</i>	

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 09/765614
 01/22/01

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
<i>JS</i>	WO 94/07539	4/14/94	WIPO	<i>1</i>	<i>1</i>		
<i>JS</i>	WO 91/15244	10/17/1991	PCT	<i>1</i>	<i>1</i>		

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

<i>JS</i>	Worthington Enzyme Manual, enzymes, enzyme reagents, related biochemicals; Worthington Biochemical Corporation, 1972.
<i>JS</i>	Thomas Fritsch, et al., "Microparticle Preparations Made From Biodegradable Copolymers", April 1999.

Examiner <i>Hartley</i>	Date Considered <i>7/2/2002</i>
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<i>[initials]</i>	5 612 057	3/18/1997	Lanza et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 632 986	5/27/1997	Tait et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 733 572	3/31/1998	Unger et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 716 594	2/19/98	Elmaleh et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 643,553	7/1/1997	Schneider et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 650 156	7/22/1997	Grinstaff et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 656 211	8/12/1997	Unger et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 690 907	11/25/1997	Lanza et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 780 010	7/14/1998	Lanza et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 665 383	9/9/1997	Grinstaff et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 534 241	7/9/1996	Torchilin et al.	<i>[initials]</i>	<i>[initials]</i>	

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
<i>[initials]</i>	WO 95/15118	6/8/1995	PCT	<i>[initials]</i>	<i>[initials]</i>		
<i>[initials]</i>	0 727 225	8/21/1996	EP	<i>[initials]</i>	<i>[initials]</i>		
<i>[initials]</i>	WO 96/41647	12/27/1996	PCT	<i>[initials]</i>	<i>[initials]</i>		
<i>[initials]</i>	WO 94/28873	12/22/1994	PCT	<i>[initials]</i>	<i>[initials]</i>		
<i>[initials]</i>	WO 94/28874	12/22/1994	PCT	<i>[initials]</i>	<i>[initials]</i>		
<i>[initials]</i>	WO 96/40285	12/19/1996	PCT	<i>[initials]</i>	<i>[initials]</i>		
<i>[initials]</i>	WO 96/39149	12/12/1996	PCT	<i>[initials]</i>	<i>[initials]</i>		

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

<i>[initials]</i>	Medline database-extract no. XP-002063692
<i>[initials]</i>	Biosis database extract no. XP-002063693
<i>[initials]</i>	Medline database-extract no. KP-00206411

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Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
<i>45</i>	WO 97/23855	7/3/1997	PCT				
<i>45</i>	WO 98/00172	1/8/1998	PCT				
<i>45</i>	WO 97/41898	11/13/1997	PCT				
<i>45</i>	WO 98/04293	2/5/1998	PCT				
<i>45</i>	WO 98/19705	5/14/1998	PCT				
<i>45</i>	WO 98/20856	5/22/98	PCT				
<i>45</i>	WO 98/42384	10/1/1998	PCT				
<i>45</i>	1-9-626-530		DE (English Abstract)				
<i>45</i>	WO 97/33474	9/18/1997	PCT				
<i>45</i>	WO 95/07072	3/16/1995	PCT				
<i>45</i>	2 145 505	4/14/1994	CA				
<i>45</i>	WO 95/03356	2/2/1995	PCT				
<i>45</i>	WO 96/40277	12/9/1996	PCT				
<i>45</i>	WO 95/03357	2/2/1995	PCT				
<i>45</i>	WO 93/20802	10/28/1993	PCT				
<i>45</i>	WO91/15244	10/17/1991	PCT				

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

<i>45</i>	Muzykantov et al., J. Nuclear Medicine, 35(8): 1358-1365 (1994)
<i>45</i>	Klibanov et al., Acta Radiologica, 38(Supp 412):113-120 (1997)

Examiner <i>Hartley</i>	Date Considered <i>7/2/2002</i>
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B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number REF/Klaveness/054	Serial Number 09/765,614 08/960,054
	Applicant KLA VENESS et al.	
	Filing Date October 29, 1997	Group 1616

U.S. Patent Documents

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Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
<i>[Signature]</i>	WO91/15244	10/17/1991	PCT				

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

<i>[Signature]</i>	Medline-database-extract no. KP-002064110

Examiner

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Date Considered

7/2/2002

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B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number REF/Klaven ss/993	Serial Number 09/765/614 08/960.054
	Applicant KLAVENESS t al.	
	Filing Date October 29, 1997	Group 1616

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
<i>AK</i>	5,910,300	6/8/99	TOURNIER et al.	424	9.34	10/31/96

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

Examiner <i>Alvley</i>	Date Considered <i>7/2/2003</i>
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U.S. Department of Commerce
Patent and Trademark Office

Information Disclosure Statement by Applicant

Atty. Docket Number

REF/Klaveness/054C

Serial Number

09/765,614

Applicant

KLAVENESS et al.

Filing Date

January 22, 2001

Group

1616

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
<i>[initials]</i>	6,245,318	6/12/01	Klibanov et al.	424	9.52	5/27/97

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
<i>[initials]</i>	WO 95/16467	6/22/95	WIPO				
<i>[initials]</i>	WO 94/09829	5/11/94	WIPO				

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

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<i>HA</i>	WO 97/23855	7/3/1997	PCT				
<i>HA</i>	WO 98/00172	1/8/1998	PCT				
<i>HA</i>	WO 97/41898	11/13/1997	PCT				
<i>HA</i>	WO 98/04293	2/5/1998	PCT				
<i>HA</i>	WO 98/19705	5/14/1998	PCT				
<i>HA</i>	WO 98/20856	5/22/98	PCT				
<i>HA</i>	WO 98/42384	10/1/1998	PCT				
<i>HA</i>	1 9 626 530		DE (English Abstract)				
<i>HA</i>	WO 97/33474	9/18/1997	PCT				
<i>HA</i>	WO 95/07072	3/16/1995	PCT				
<i>HA</i>	2 145 505	4/14/1994	CA				
<i>HA</i>	WO 95/03356	2/2/1995	PCT				
<i>HA</i>	WO 96/40277	12/9/1996	PCT				
<i>HA</i>	WO 95/03357	2/2/1995	PCT				
<i>HA</i>	WO 93/20802	10/28/1993	PCT				

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<i>HA</i>	Muzykantov et al., J. Nuclear Medicine, 35(8): 1358-1365 (1994)
<i>HA</i>	Klibanov et al., Acta Radiologica, 38(Supp 412):113-120 (1997)

Examiner <i>Hartley</i>	Date Considered <i>7/99</i>
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HA	5 612 057	3/18/1997	Lanza et al.			
HA	5 632 986	5/27/1997	Tait et al.			
HA	5 733 572	3/31/1998	Unger et al.			
HA	5 716 594	2/19/98	Elmaleh et al.			
HA	5 643,553	7/1/1997	Schneider et al.			
HA	5 650 156	7/22/1997	Grinstaff et al.			
HA	5 656 211	8/12/1997	Unger et al.			
HA	5 690 907	11/25/1997	Lanza et al.			
HA	5 780 010	7/14/1998	Lanza et al.			
HA	5 665 383	9/9/1997	Grinstaff et al.			
HA	5 534 241	7/9/1996	Torchilin et al.			

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HA	WO 95/15118	6/8/1995	PCT				
HA	0 727 225	8/21/1996	EP				
HA	WO 96/41647	12/27/1996	PCT				
HA	WO 94/28873	12/22/1994	PCT				
HA	WO 94/28874	12/22/1994	PCT				
HA	WO 96/40285	12/19/1996	PCT				
HA	WO 96/39149	12/12/1996	PCT				

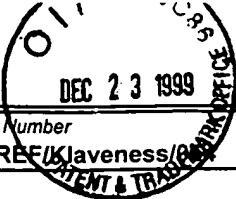
Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

IMPROPER
 CITATION
 NO
 PUBLICATION
 DATE

	Medline database extract no. XP-002063692
	Biosis database extract no. XP-002063693
	Medline database extract no. KP-00206411

Examiner	Hartley	Date Considered	7/99
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Sheet 1 of 1 #15
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U.S. Patent Documents

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<i>P</i>	5,849,727	12/15/98	Porter et al.	<u> </u>	<u> </u>	
<i>P</i>	5,846,517	12/8/98	Unger	<u> </u>	<u> </u>	
<i>P</i>	5,505,932	4/9/96	Grinstaff et al.	<u> </u>	<u> </u>	
<i>P</i>	5,356,633	10/18/94	Woodle et al.	<u> </u>	<u> </u>	
<i>P</i>	5,198,424	3/30/93	McEver	<u> </u>	<u> </u>	
<i>P</i>	5,154,924	10/13/92	Friden	<u> </u>	<u> </u>	
<i>P</i>	5,013,556	5/7/91	Woodle et al.	<u> </u>	<u> </u>	
<i>P</i>	4,927,916	5/22/90	Matsueda et al.	<u> </u>	<u> </u>	
<i>P</i>	08/640,464	5/1/96	Unger	<u> </u>	<u> </u>	

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
<i>P</i>	WO 94/07539	4/14/94	WIPO	<u> </u>	<u> </u>		

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

<i>P</i>	Worthington Enzyme Manual, enzymes, enzyme reagents, related biochemicals; Worthington Biochemical Corporation, 1972.
<i>P</i>	Thomas Fritsch, et al., "Microparticle Preparations Made From Biodegradable Copolymers", April 1999.

Examiner <i>Hartley</i>	Date Considered <i>3/7/2000</i>
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	Filing Date October 29, 1997	

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U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
<i>W</i>	5,910,300	6/8/99	TOURNIER et al.	424	9.34	10/31/96

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

Examiner	<i>Hartley</i>	Date Considered	<i>8/29/2000</i>
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Notice of References Cited

Application No.

08/960,054

Applicant(s)

Klaveness et al.

Examiner

Hartley

Group Art Unit

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Page 1 of 1

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A	5,643,553	7-97	Schneider et al.	424	9.52
B	5,650,156	7-97	Grinstaff et al.	424	400
C	5,656,211	8-97	Unger et al.	264	4.1
D	5,690,907	11-97	Lanza et al.	424	9.5
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*	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
O						
P						
Q						
R						
S						
T						

NON-PATENT DOCUMENTS

*	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
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* A copy of this reference is not being furnished with this Office action.
(See Manual of Patent Examining Procedure, Section 707.05(a).)